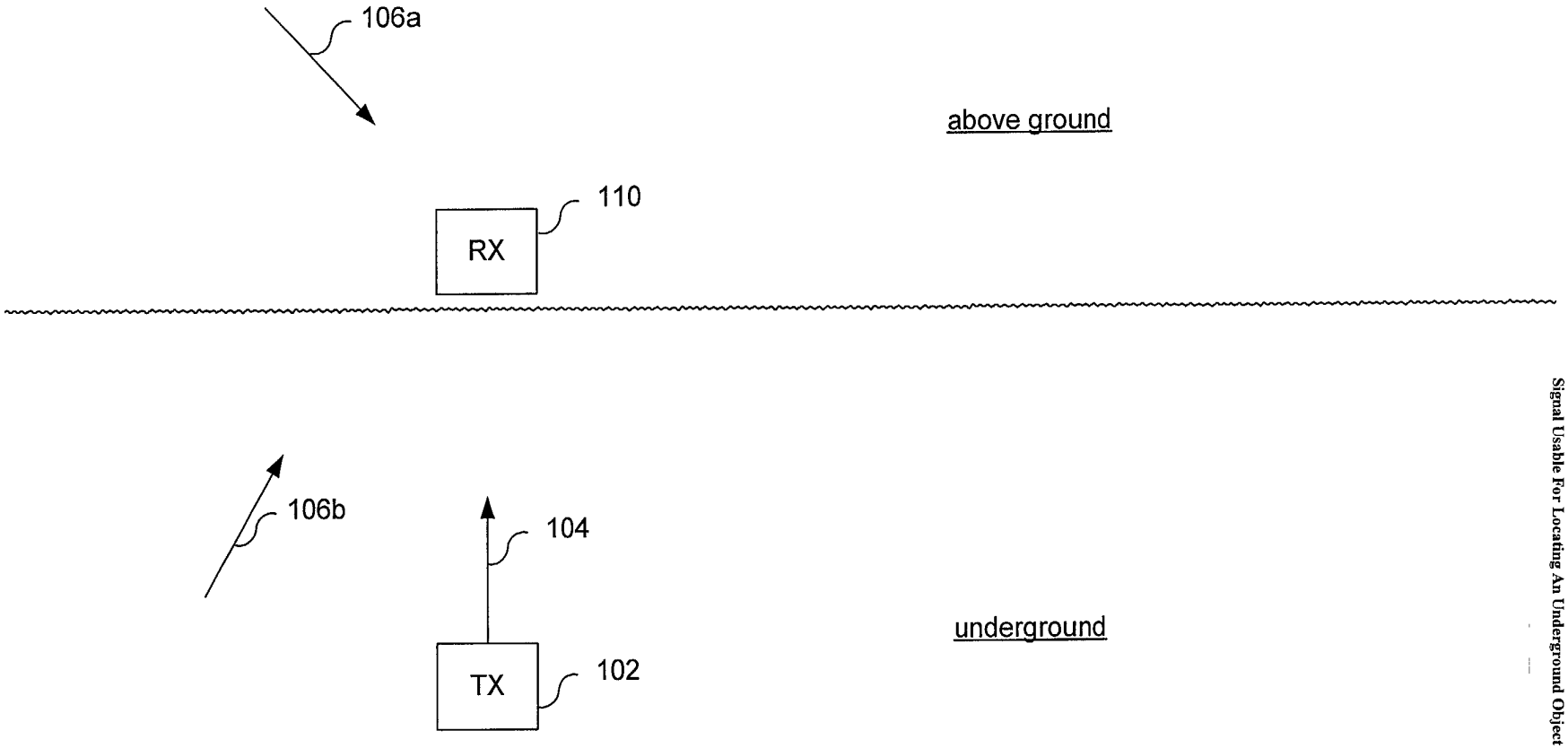


FIG. 1

Appl No To Be Assigned; Group Art Unit: To Be Assigned
Dkt. No 2037.0030000, Batch No.: To Be Assigned
Inventors: Richard W. FLING *et al.*; Tel: 202/371-2600
Title: **Method and System For Producing A Magnetic Field Signal Usable For Locating An Underground Object**

Appl No. To Be Assigned; Group Art Unit: To Be Assigned
Dkt No. 2037 0030000; Batch No To Be Assigned
Inventors. Richard W. FLING *et al.*; Tel: 202/371-2600
Title: **Method and System For Producing A Magnetic Field Signal Usable For Locating An Underground Object**

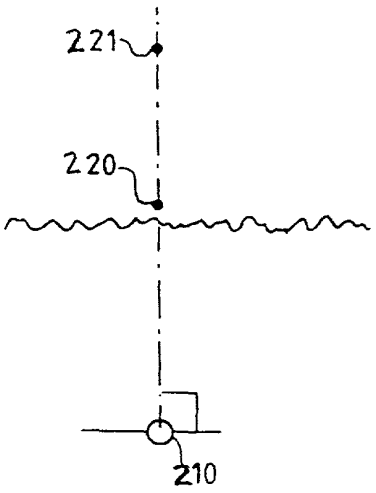


FIG. 2A

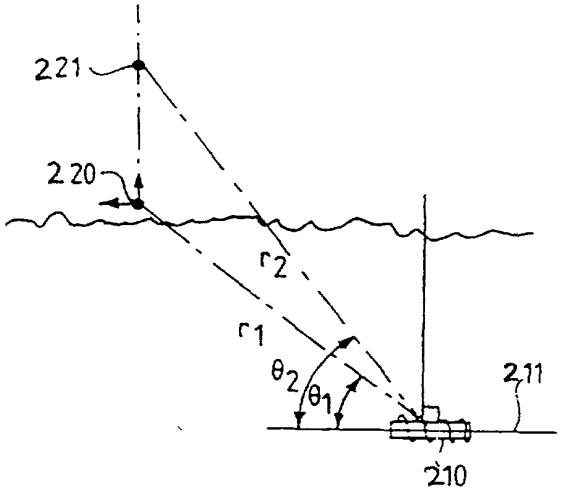


FIG. 2B

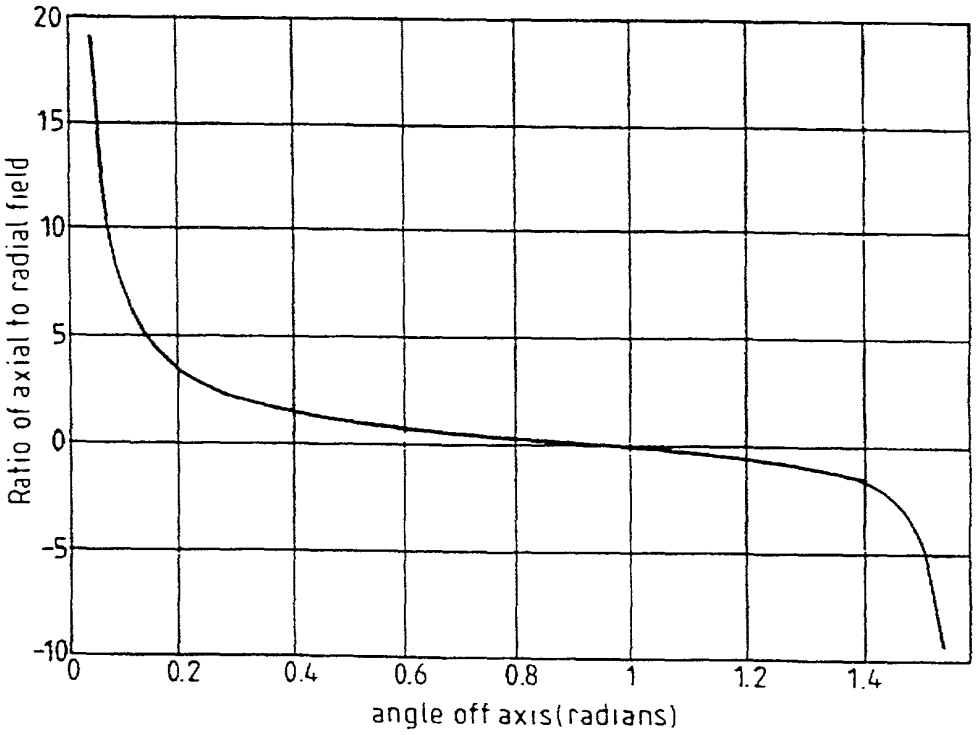


FIG. 3

Appl. No. To Be Assigned; Group Art Unit: To Be Assigned
Dkt. No. 2037.0030000; Batch No.: To Be Assigned
Inventors. Richard W. FLING *et al.*; Tel· 202/371-2600
Title. **Method and System For Producing A Magnetic Field Signal Usable For Locating An Underground Object**

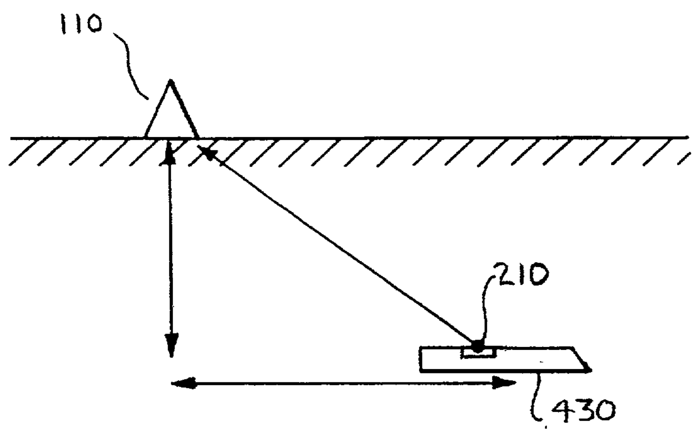


FIG. 4

TRANSMIT DEVICE 102

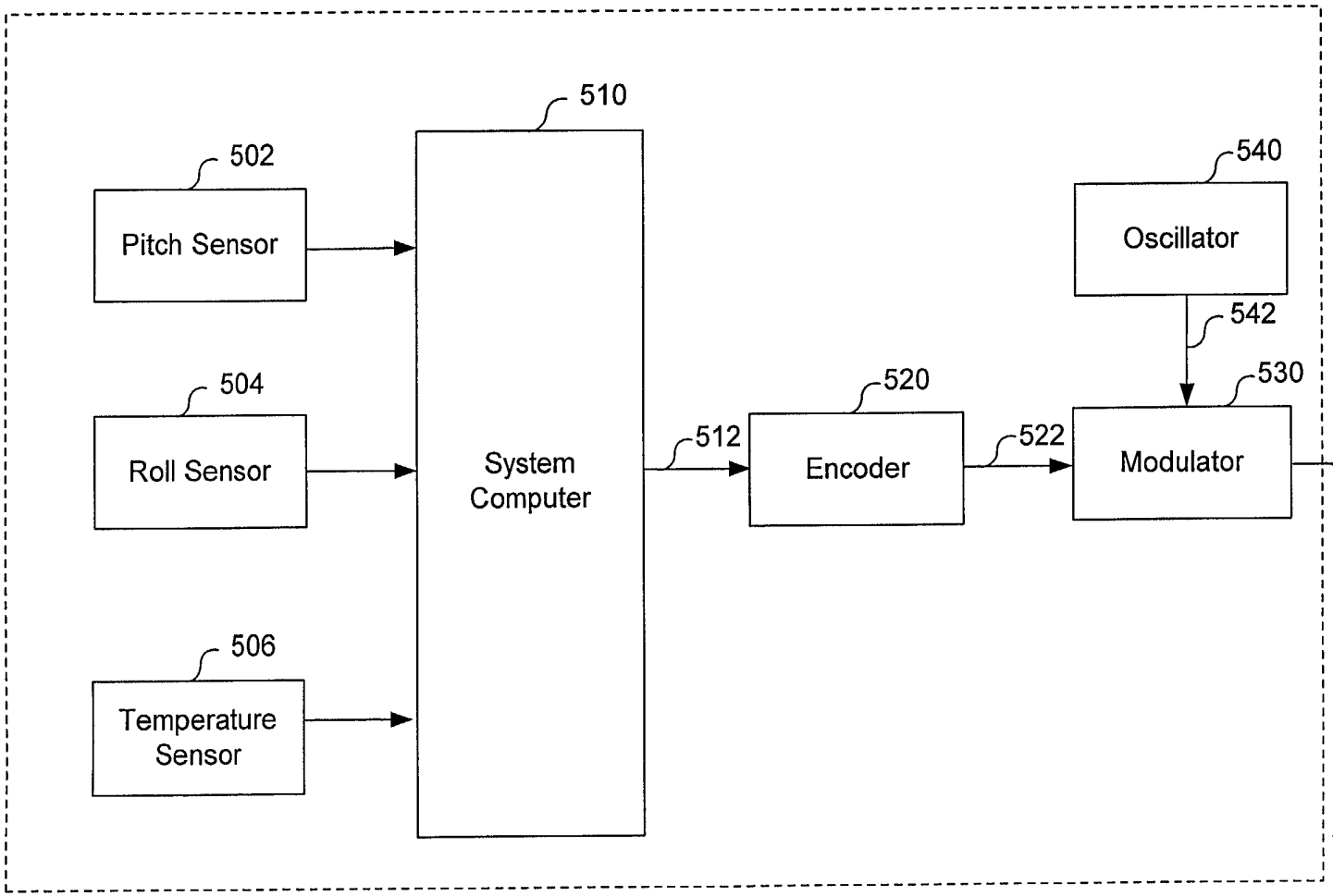
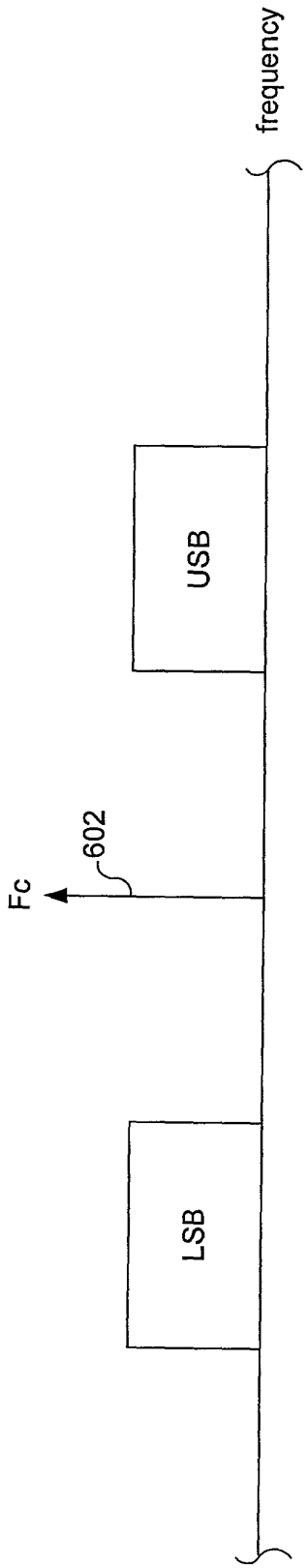


FIG. 5

0103-09.vsd/2

Sheet 4 of 12
Appl. No To Be Assigned; Group Art Unit To Be Assigned
Dkt. No. 2037.0030000; Batch No To Be Assigned
Inventors: Richard W. FLING *et al* ; Tel: 202/371-2600
Title: **Method and System For Producing A Magnetic Field Signal Usable For Locating An Underground Object**

Appl. No. To Be Assigned, Group Art Unit To Be Assigned
Dkt No. 2037.0030000; Batch No. To Be Assigned
Inventors: Richard W. FLING *et al* , Tel: 202/371-2600
Title. **Method and System For Producing A Magnetic Field Signal Usable For Locating An Underground Object**



0103-09.vsd/3

FIG. 6

Appl No. To Be Assigned; Group Art Unit. To Be Assigned
Dkt No. 2037.0030000; Batch No.: To Be Assigned
Inventors: Richard W. FLING *et al.*; Tel: 202/371-2600
Title: **Method and System For Producing A Magnetic Field Signal Usable For Locating An Underground Object**

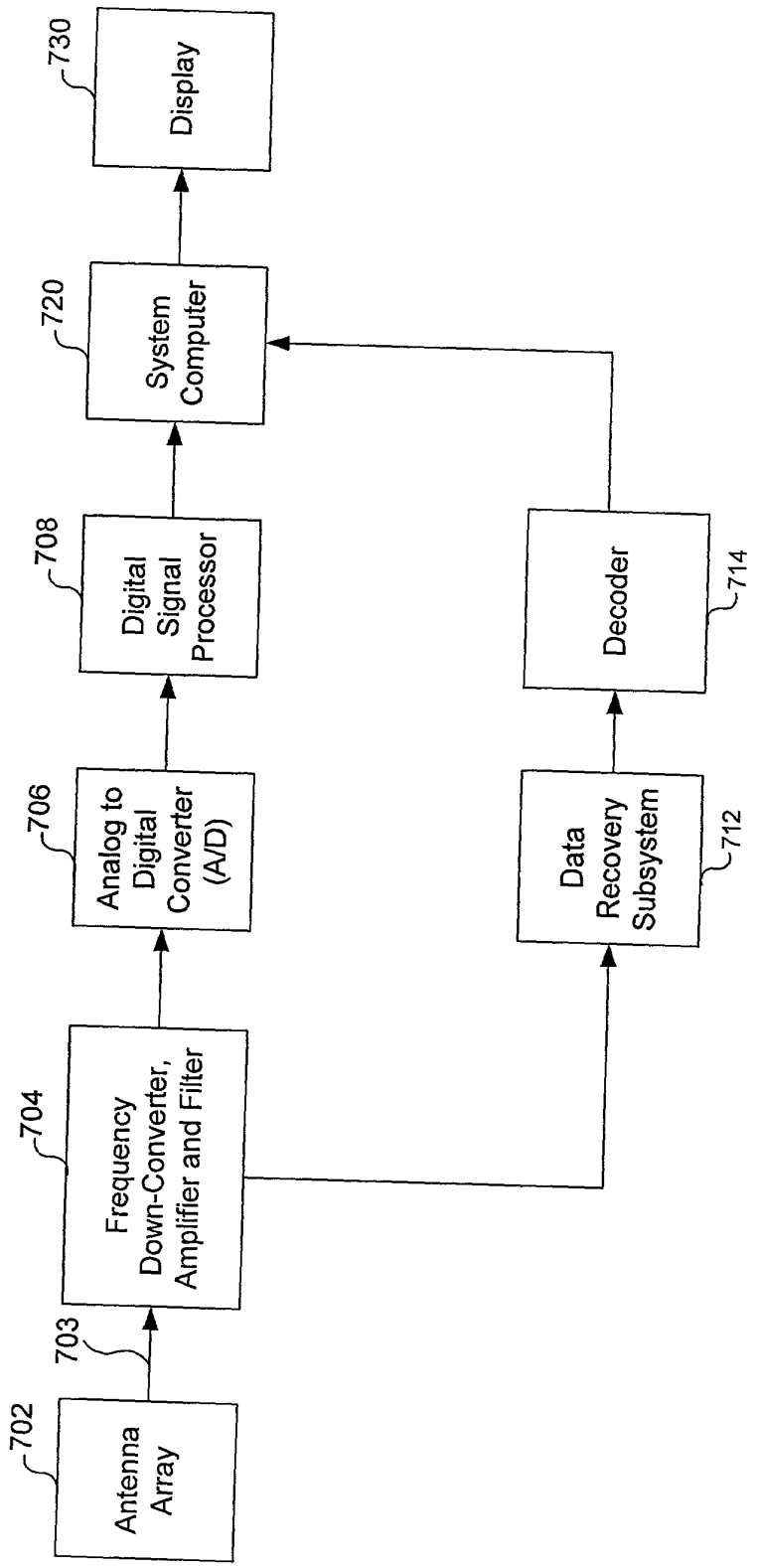


FIG. 7

0103-09.vsd/4

Appl. No. To Be Assigned, Group Art Unit. To Be Assigned
Dkt No. 2037.0030000; Batch No.: To Be Assigned
Inventors: Richard W. FLING *et al.*; Tel· 202/371-2600
Title **Method and System For Producing A Magnetic Field Signal Usable For Locating An Underground Object**

0103-09.vsd/5

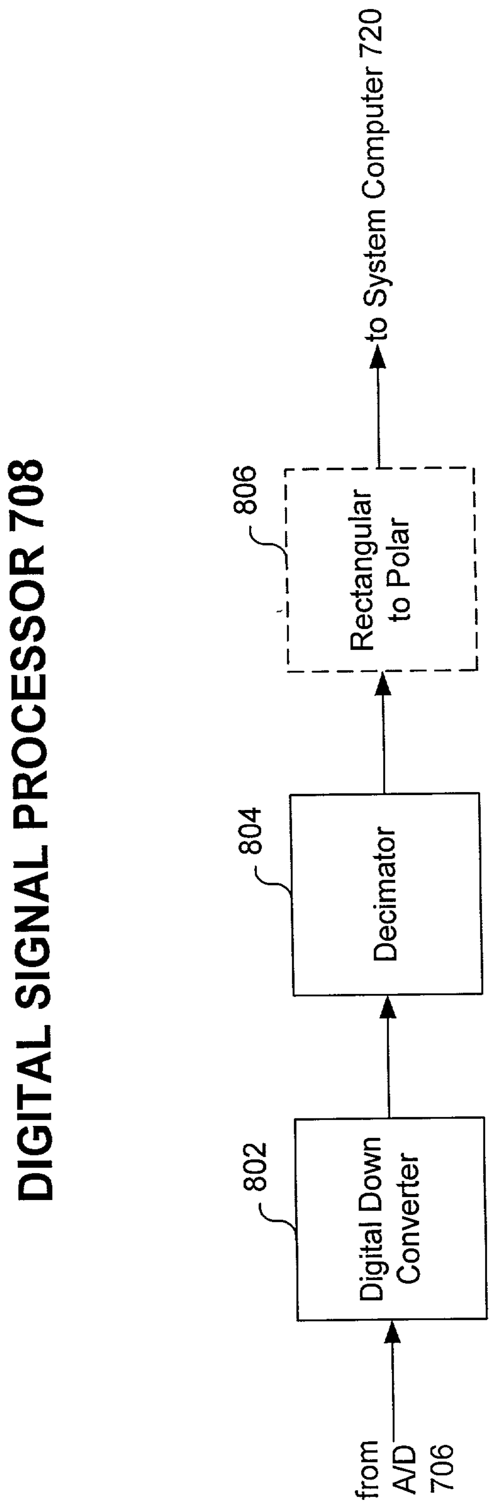


FIG. 8

Appl. No. To Be Assigned; Group Art Unit: To Be Assigned
Dkt No. 2037 0030000, Batch No.: To Be Assigned
Inventors. Richard W. FLING *et al.*; Tel 202/371-2600
Title **Method and System For Producing A Magnetic Field Signal Usable For Locating An Underground Object**

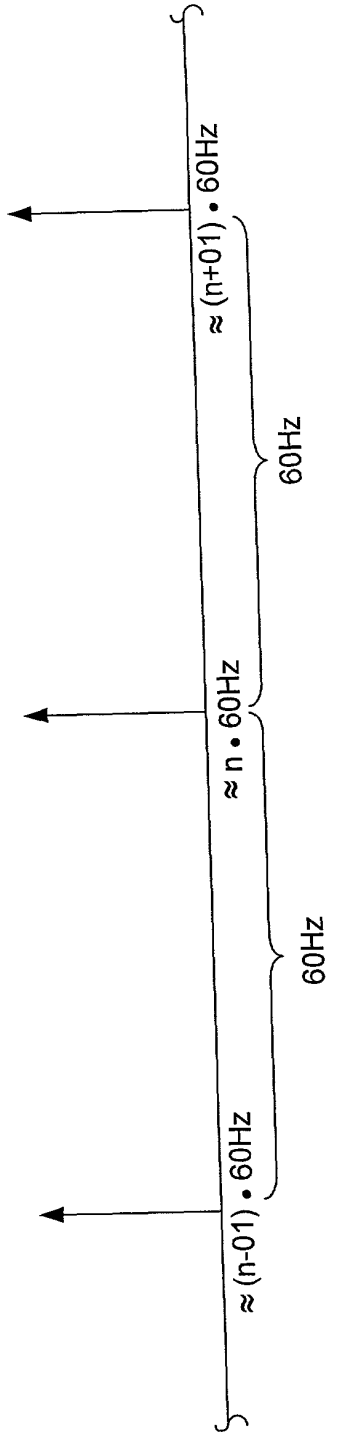


FIG. 9A

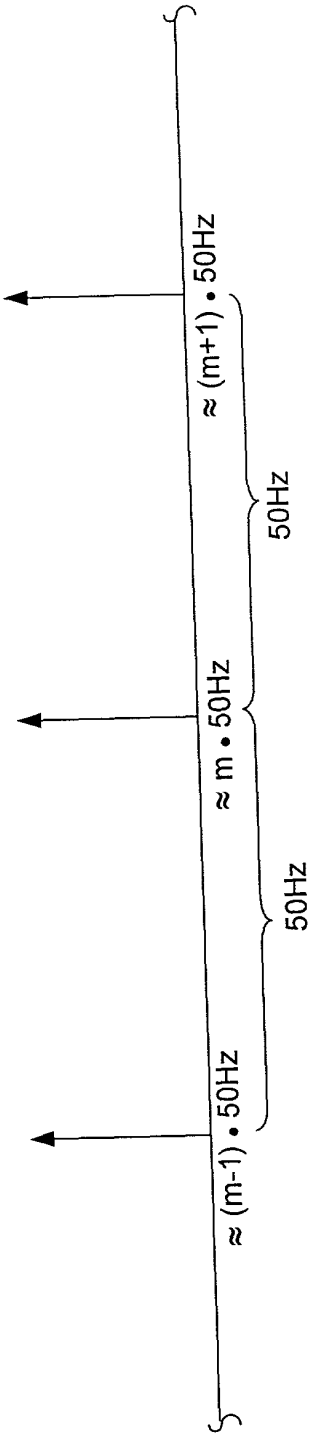


FIG. 9B

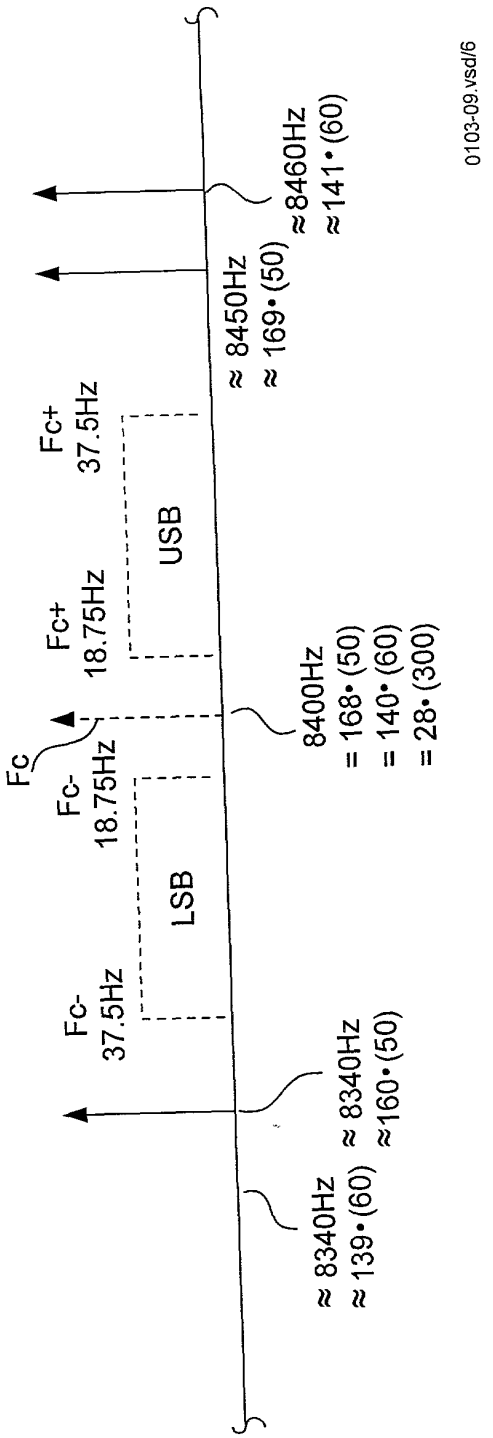


FIG. 9C

Appl. No. To Be Assigned; Group Art Unit: To Be Assigned
Dkt. No. 2037 0030000; Batch No . To Be Assigned
Inventors. Richard W. FLING *et al.*; Tel. 202/371-2600
Title: **Method and System For Producing A Magnetic Field Signal Usable For Locating An Underground Object**

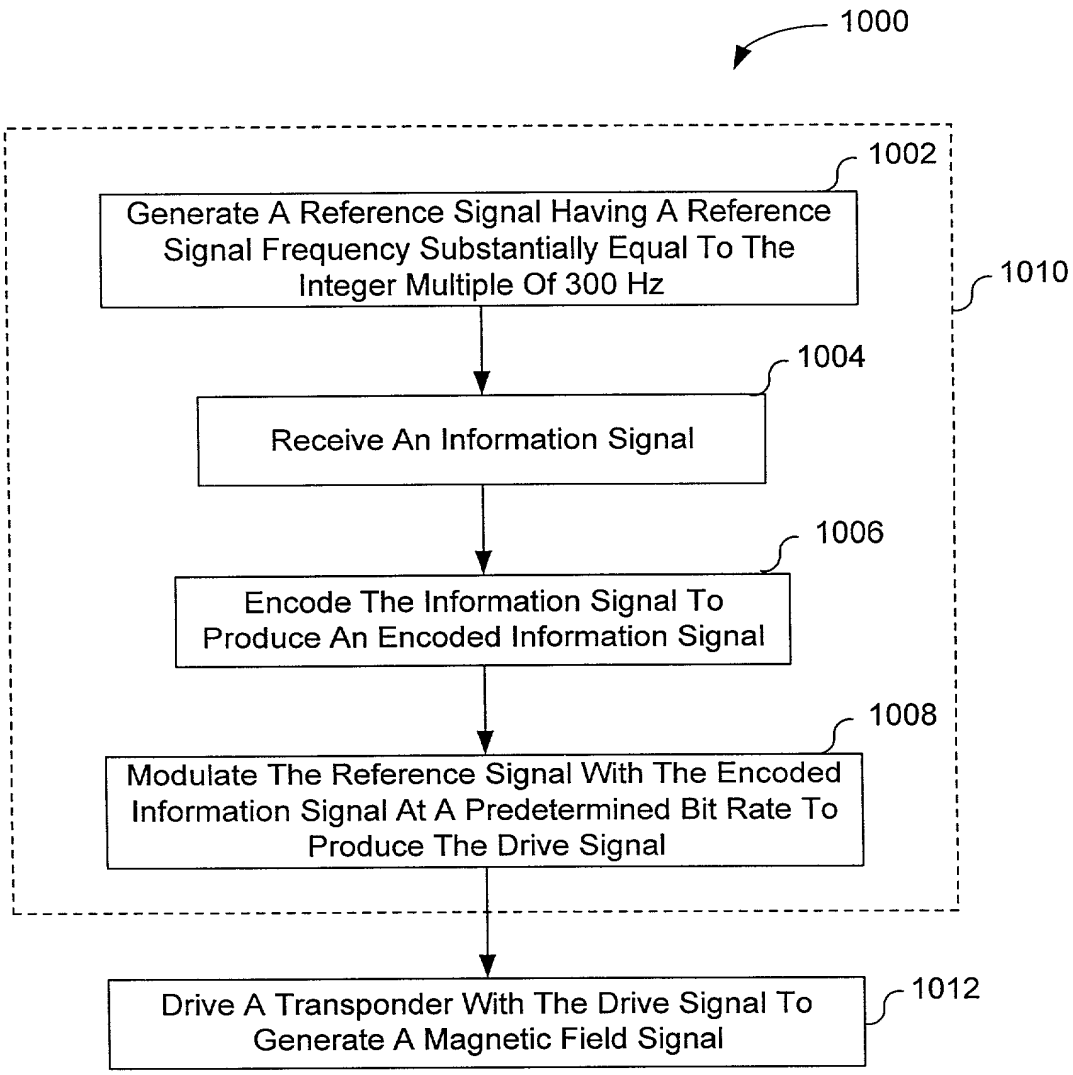


FIG. 10

Appl. No. To Be Assigned; Group Art Unit To Be Assigned
Dkt. No. 2037.0030000; Batch No.: To Be Assigned
Inventors: Richard W. FLING *et al.*; Tel· 202/371-2600
Title: **Method and System For Producing A Magnetic Field Signal Usable For Locating An Underground Object**

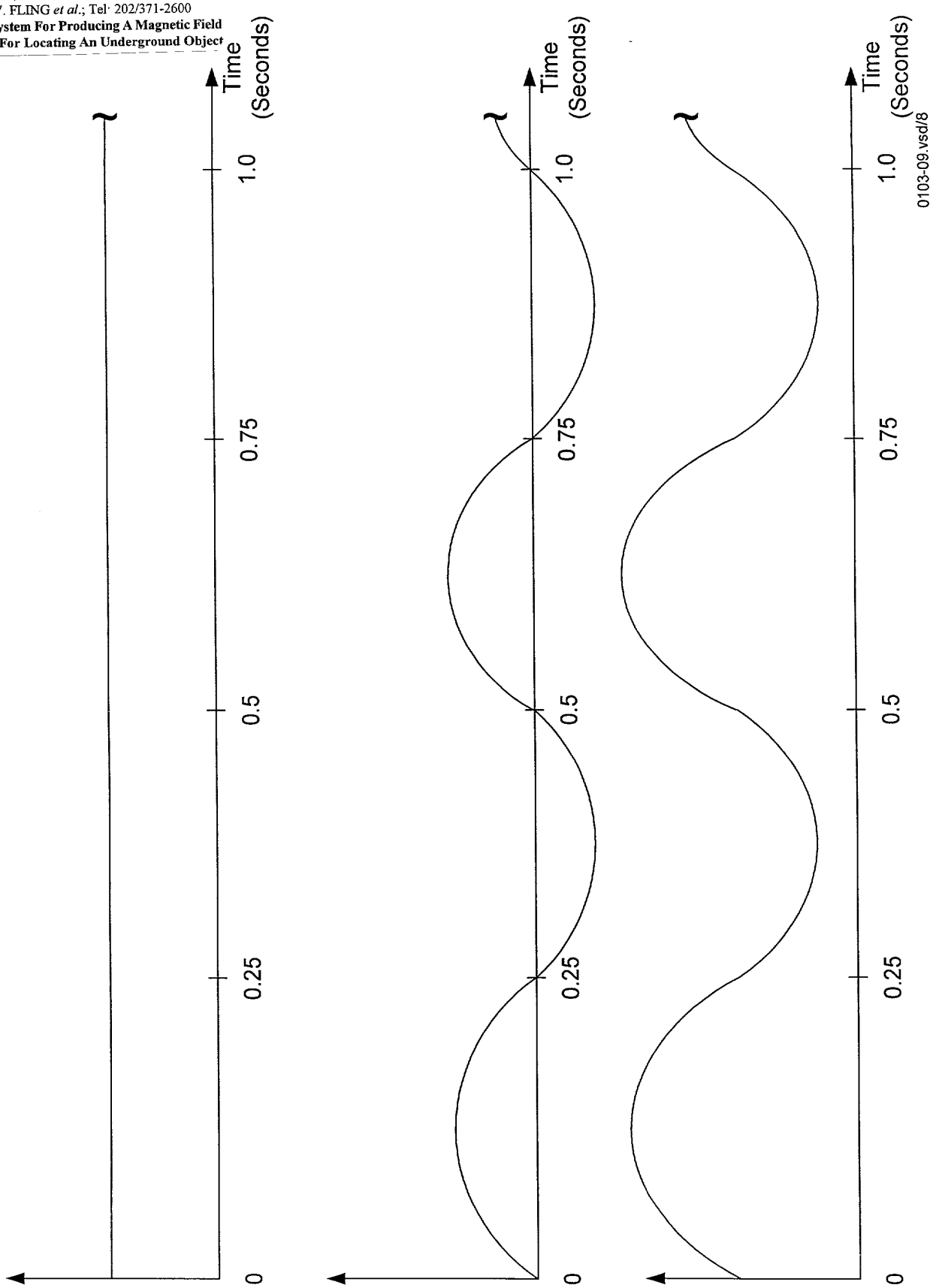
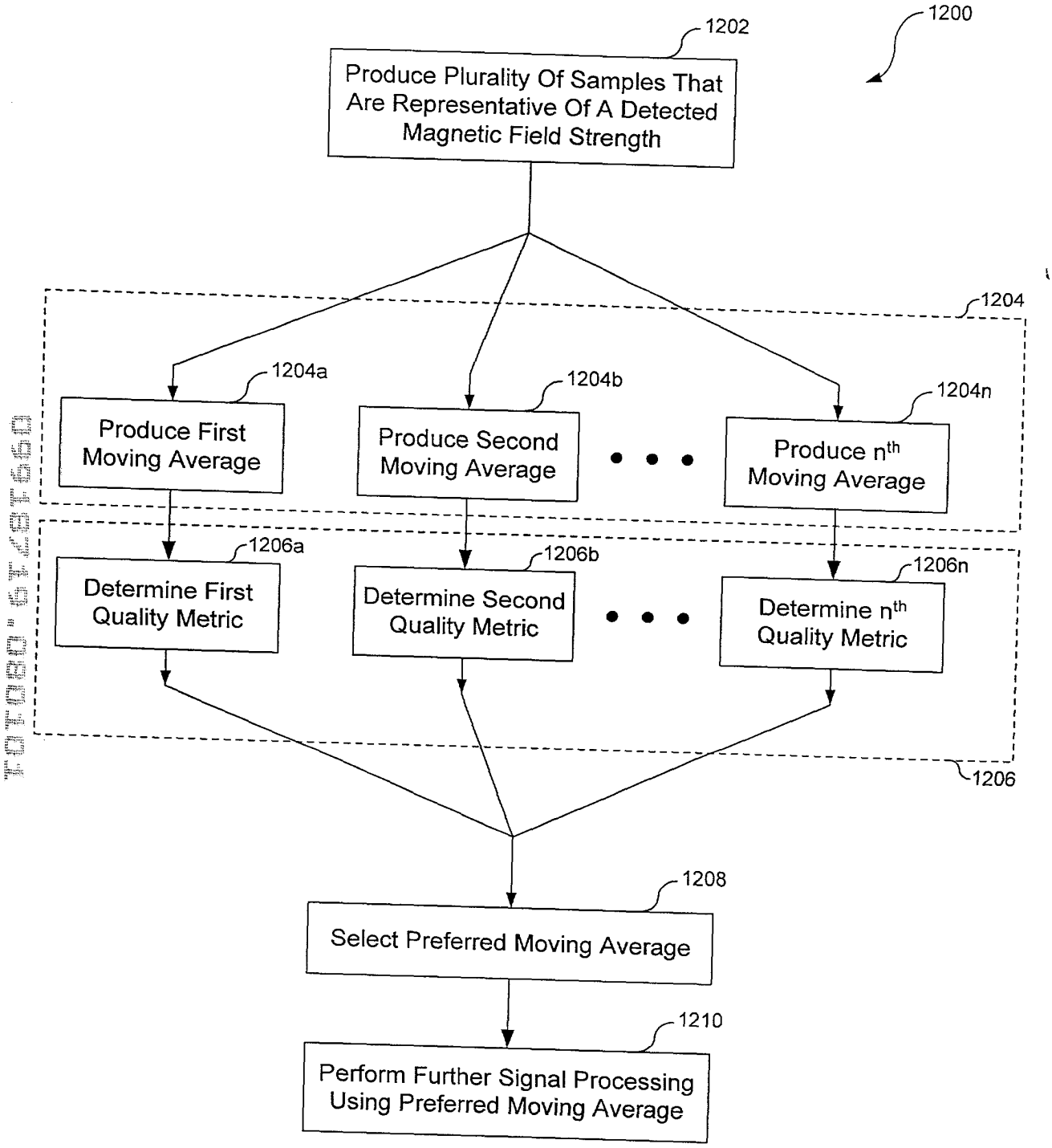


FIG. 11A

FIG. 11B

FIG. 11C

Appl No. To Be Assigned; Group Art Unit: To Be Assigned
Dkt No. 2037.0030000; Batch No.: To Be Assigned
Inventors: Richard W. FLING *et al.*, Tel. 202/371-2600
Title. **Method and System For Producing A Magnetic Field Signal Usable For Locating An Underground Object**



0103-09.vsd/9

FIG. 12

Appl No. To Be Assigned; Group Art Unit. To Be Assigned
Dkt. No 2037.0030000; Batch No.: To Be Assigned
Inventors: Richard W. FLING *et al.*; Tel: 202/371-2600
Title. **Method and System For Producing A Magnetic Field Signal Usable For Locating An Underground Object**

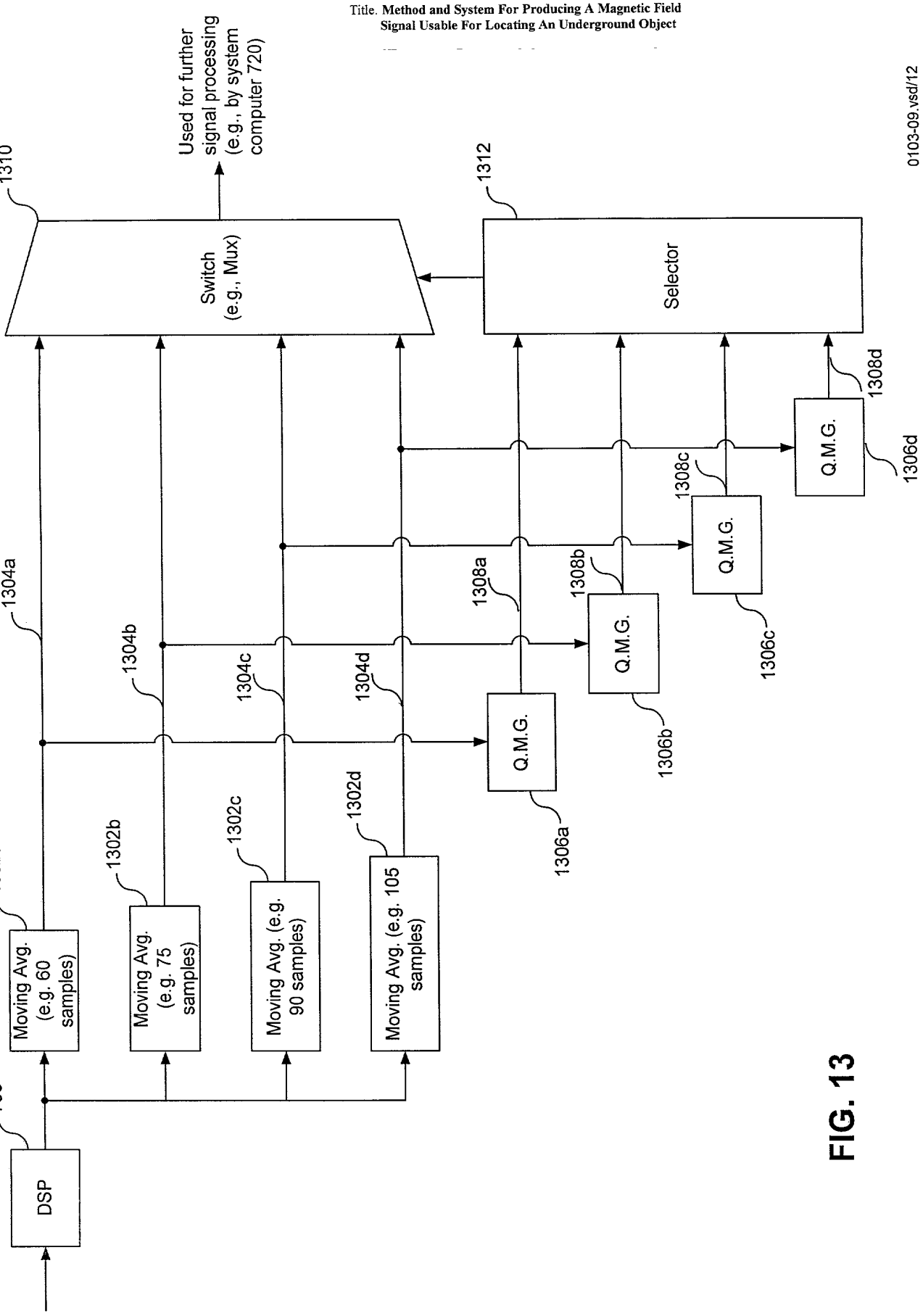


FIG. 13